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VELTROP ET AL.

Examiner

Art Unit

Mark Spisich

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|--|----------|----------|--|--|---------------------------|---------|--------|----------|--------|----------|--|----------|----------------|-----------|------------------|----------|----------|----------|----------|----------|----------|----------------|----------|----------|-----------------|----------|----------|
| 1  | F        |          | +  | u  |                           |         |        |          |        |          | <del>                                     </del> | _        | Di             | ate       | т т              |          |          | CI       | aim      | Ļ.,      |          |                | D        | ate      |                 |          |          |
| 3  | Final    | Original | 6/3/04                                       |  |                           |         |        |          | Final  | Original |  |          |                |           | -                |          |          | Final    | Original |          |          |                |          |          |                 |          |          |
| 1  | L        | <u> </u> |  |  |                           |         |        |          |        | 51       |  | 1        | _              | +         | <del>     </del> |          |          | _        | 101      | -1       | -+       | +              |          | +        | +               | +        | ┼        |
| 2 4  | _        | 13       | 1  |  |                           |         |        |          |        | 52       |  | 11       |                | $\dagger$ |                  |          |          |          |          |          | -+       | +              | +        |          | 十               | +        | $\vdash$ |
| S  | -        | 1        |  |  |                           |         |        |          |        |          |  |          |                |           |                  |          |          |          |          | $\vdash$ | -        | +              | +        | +        | 十               | +-       | ╁        |
| S  | 15       |          | Ϋ́   | =  |                           |         | 11     | 1        |        | 54       |  |          |                |           |                  |          |          |          |          |          | 7        | _              | ╅        | +        | +               | +        | Н        |
| S  | 1E       |          | ₩  | ╂┼┼  | -                         | -       | ++     | _        |        | 55       |  | 11       |                | Ļ         | Ш                |          |          |          |          |          |          | $\dashv$       | _        | $\top$   | +               | 十        |          |
| S  | 4        |          | 11/  |  | $\dashv$                  |         | +      |          |        |          | 4  | 1-1      |                | ┺         | $\perp$          | _ _      |          |          | 106      |          |          |                |          | 1        | $\top$          | $\top$   | М        |
| S  | 6        |          | (7)  | 3  | -                         |         | ╁┼     | -        |        |          | +  | ╀        |                | ┼-        |                  |          |          |          |          | $\dashv$ | $\perp$  |                | I        | $\perp$  | I               |          |          |
| T  | -        | 9        | ۲ŭ   |  |                           |         |        |          |        |          |  | ╁┼       | -              | ╁         | -                | +1       |          |          |          | 4        | 1        | _              | _        | $\perp$  | $\perp$         |          |          |
| T  |          | 16       | O  |  |                           |         |        |          |        |          |  | ╁        | -              | +         | -                | $\dashv$ | -        | $\dashv$ |          |          |          | - -            | _        | - -      | 丰               | $\perp$  | Ш        |
| \$\frac{1}{2} \text{   \frac{1}{4}                                     |          | 11       | V  |  | $\top$                    | -       | $\Box$ |          |        |          | +  | 1 1      |                | 1-        | $\vdash$         | +        | -        |          |          |          | +        | 4              | +        |          | ╁_              | $\sqcup$ | Ы        |
| 10   | 8        |          | V  |  |                           |         |        |          | $\neg$ |          | $\dashv$   | 1-1      |                | $\vdash$  | -                | +        | -        |          | 112      | $\dashv$ | +        |                | +        | +        | +               | $\vdash$ | Щ        |
| 1  |          |          | 1  |  |                           |         |        |          |        |          |  |          | 十              | $\vdash$  |                  | -        | ŀ        |          |          | +        | +        | +              | - -      | ╀        | +-              | ╁┤       | $\vdash$ |
| 15   16   17   17   18   18   19   19   19   19   19   19  |          |          | 14   | <u>                                     </u> | $\dashv \perp \downarrow$ | $\perp$ |        |          |        |          |  |          | 丁              |           |                  | 1        |          |          | 114      | +        | +        | +              | ╁        | ╁        | - -             | $\vdash$ | $\dashv$ |
| 11   | 11       |          | N  | =  |                           |         |        |          |        |          |  |          |                |           | $\top$           |          | ľ        |          |          | _        | +        | +              | +-       | +-       | 十               | $\vdash$ | $\dashv$ |
| 19   L     69   119   120   120   120   120   121   121   122   122   122   122   123   L   123   123   123   123   123   124   124   125   126   126   126   126   127   127   127   127   127   128   128   128   128   128   128   128   129   12 | -        | 16       | 14   |  |                           |         |        |          |        |          |  |          |                |           |                  |          | - 1      |          | 116      | 7        |          | +              | +        | +-       | +               | H        | $\dashv$ |
| 19   L     69   119   120   120   120   120   121   121   122   122   122   122   123   L   123   123   123   123   123   124   124   125   126   126   126   126   127   127   127   127   127   128   128   128   128   128   128   128   129   12 | -        |          | 1  |  |                           |         |        |          | _      |          | _ _  | 14       |                | Ц         |                  |          |          |          | 117      | $\top$   | _        | 7              | 1        | †        | T               | Н        | $\dashv$ |
| 120  | -        | 13       | N  |  |                           |         |        |          |        |          | - -  | $\vdash$ | ┵              | $\sqcup$  |                  | Ш        |          | $\Box$   | 118      |          | T        |                | 1        | 1-       | 1               | $\Box$   | ᅱ        |
| The state of the | -        | 2        | 1  |  |                           |         |        |          |        | 69       | +-   | ⊢⊹       | -              | Ш         | _                | $\perp$  | L        |          |          | $\Box$   | I        |                | T        |          | $\vdash$        |          | ヿ        |
| 122  |          | 2        | 0  |  |                           |         |        | ŀ        | -      |          |  | -        |                | $\vdash$  | -                | $\bot$   | L        |          | 120      |          | $\perp$  |                |          |          |                 |          | $\neg$   |
| Text    |          | 22       | , 1  |  |                           |         |        | H        | -      | 72       | -+-  |          | -              | $\vdash$  | -                | 44       | L        |          |          | 4        | _        | L              | 上        |          |                 |          |          |
| Text    | 12       | 23       | V  | =  | T                         |         |        |          |        |          | $\dashv$   | $\vdash$ | -              | H         |                  |          | -        | $\dashv$ | 122      | -        | _        | 1              | 4        | _        | $\sqcup$        | $\sqcup$ | $\Box$   |
| 76   |          | 24       | V  |  |                           |         |        | -        | _      | 74       | -1-1   | -        | +-             | H         |                  | 1-1      | ⊪        |          |          | - -      | -        | -              | ╁        | 1        | $\square$       | $\dashv$ | _        |
| 77   |          | 25       | 0  |  |                           |         |        | L I      |        | 75       | 11   | -        | +              | H         | - -              | H        | H        | -        | 125      | +        | +        | +-             | ┼        | ┼—       | $\vdash$        |          |          |
| 77   | 13       | 26       | Ŋ,   |  |                           |         |        |          |        | 76       |  | _        | _              | -         |                  | H        | H        | _ -      | 126      |          | +-       | ╁              | ┼        | ├-       | $\vdash$        | +        |          |
| 77   30   V  | 19       | 27       | 11 1/  |  | $\bot$                    |         |        |          |        | 77       |  |          |                | $\Box$    |                  |          | -        |          | 127      | - -      | ╁        | +-             | ╁        |          | Н               | -        | $\dashv$ |
| 77   30   V  | 13       | 28       | ¥.   |  | ++                        | 44      | _      | ┦┈┞      |        |          |  |          |                |           |                  |          |          | -        | 128      | +        | +-       | +-             | ╁╴       | +-       | $\vdash \vdash$ |          | -        |
| 130  | 10       | 29       |  | H +  |                           |         |        | <b>↓</b> |        |          | $\perp$  |          |                |           |                  |          |          |          | 129      | $\top$   | +-       | $\top$         | 1        | -        | H               | -        | $\dashv$ |
| 21   34  | 16       | 31       | 4  | ++   | +                         | +       |        | -        |        |          | $\perp$  |          | 4              | $\perp$   |                  |          | Ľ        |          | 130      |          | T        |                | <b>†</b> | _        | П               | $\dashv$ | 7        |
| 21   34  | 19       | 32       | 7  |  | ╅┥                        | ++      | +      | -        |        |          | +  |          | +              | _         |                  | Ш        | L        |          | 131      |          |          |                |          |          | $\sqcap$        | ナ        | ٦        |
| 21   34  | 20       | 33       | 11   |  | 1-1-                      | +- $+$  | +      | ╢╟       |        |          | ++   |          | ┦┤             | +         | 4                | Ш        | _        |          | 132      | $\perp$  | $\perp$  |                |          |          | $\Box$          |          | 7        |
| 27   35   7  | 21       | 34       | V  |  | +                         | +       |        |          |        |          |  | +-       | ╁╌╏            |           | +                | H        |          |          |          | 4.       | 1_       | 丄              |          | Ш        |                 | I        |          |
| 23   36   2  | 22       | 35       | =  | V  | 1 1                       | $\top$  | _      | 1 -      |        |          | ++   | +        | $\dashv$       | +         | +                |          | -        |          | 34       | 4        | +-       | <u> </u>       | _        | $\Box$   | $\dashv$        | _        | _        |
| 87   | 23       | 36       | V  |  |                           |         |        |          |        |          | 1  | +        | 1-1            | ╁         | +                | H        | -        |          |          | +-       | +        | <del> </del> _ | -        |          | _               | 4        | 4        |
| 24 39  |          | 37       | N  |  |                           |         |        |          |        |          | 11   | _        | 1-1            | $\pm$     | +                | Н        | -        |          |          | ╁╴       | ┨        |                | H        |          | +               | -        | 4        |
| 40   O   90   139   140   141   141   142   143   144   145   145   146   14 | 13.7     | 38       |  |  |                           |         |        |          | - [    | 38       | $\top \top$                                      | 7        |                | $\top$    | _                | П        |          |          |          | ╁        | ╁        | Н              | Н        |          | +               | +        | 4        |
| 30   140   25   41   2   26   42   1   27   43   7   7   7   7   7   7   7   7   7   | 24       | 39       | <u>,                                    </u> |  |                           |         |        |          |        |          |  |          |                |           |                  |          |          | 1        | 39       | +-       | $\vdash$ | 1-             | Н        | $\dashv$ | +               | +        | $\dashv$ |
| Second  | 32       | 44       |  | 7  |                           |         |        |          |        |          | $\bot$   |          |                |           |                  |          |          |          |          | +        | †-       | $\vdash$       | -        | -        | $\dashv$        | +        | $\dashv$ |
| 27 43 4   28 44   45 95   46 96  | 2/2      | 41       | -13  | <del>-   -</del>                             | $\vdash$                  | +       |        |          | 19     | )1       | $\bot \bot$                                      |          |                | $\perp$   |                  |          |          |          |          | 1        | T        |                | 1        | 7        | 十               | +        | ┨        |
| 45<br>46<br>96<br>145<br>146   | 27       | 43       | +;   | 1  | ╌                         | +       |        | -        |        |          | ++   |          | $\sqcup$       |           | -                |          |          | 1        | 42       |          |          |                |          | _        | $\top$          | +        | 1        |
| 45<br>46<br>96<br>145<br>146   | 28       | 44       |  |  | ┯                         | ╁┼      |        | -        |        |          | ++   |          | $\vdash$       | _         | 44               | _        | _        |          |          |          |          |                |          |          | $\top$          |          | 7        |
| 46 96 145<br>146   | -        | 45       |  | 170  |                           |         | 1102   | -        |        |          | ++   |          | $\vdash$       | +         | -                | :::      | _        |          |          | _        | Ш        |                |          |          | floor           |          |          |
| 47   146   |          |          | T  | ++   | 1                         | ++      |        |          |        |          | ╁┼┼  |          | -              | +         | -                |          | $\vdash$ | 1.       | 45       | 1_       | Ш        | $\sqcup$       | $\perp$  | $\perp$  | $\perp$         | $\perp$  | _        |
|  |          | 47       |  |  | -                         | 1-1-    | $\top$ | -        |        |          | 1-1-   | +        | <del>   </del> | +         | ++               | $\dashv$ | $\vdash$ |          |          | ┼-       | Ш        | -              | 4        | _        | 4               | 4        | _        |
| 48   |          | 48       | $\perp$                                      |  |                           |         |        |          |        |          | 1 +  | +        | -              | +         | +-+              | $\dashv$ | -        |          |          | -        | $\vdash$ |                | 4        | -        | 4               | +        | 4        |
| 49 99 149  |          | 49       | $\perp$                                      | $\perp \Gamma$                               |                           |         |        |          | 9      | 9        | +  |          | 1              | 1         | +-               | -        | -        | 1/       | 10       | -        |          | $\dashv$       | +        | +        | -               | +-       | 4        |
| 50 100 150   | L        | 50       | 丄  | Ш  | oxdot                     | LL.     |        |          | 10     | 0        |  |          |                | 丁         | $\perp$          |          | -        | 1:       | 50       | $\vdash$ | $\vdash$ | $\dashv$       | $\dashv$ | +        | +               | ╁        | 1        |